

Title (en)  
A WAVE-POWER UNIT AND THE USE OF A WAVE-POWER UNIT FOR PRODUCTION OF ELECTRIC POWER, A METHOD OF GENERATING ELECTRIC POWER AND A SYSTEM OF COMPONENTS FOR MANUFACTURING A LINEAR GENERATOR FOR A WAVE-POWER UNIT

Title (de)  
WELLENENERGIEEINHEIT UND DIE VERWENDUNG EINER WELLENENERGIEEINHEIT ZUR ERZEUGUNG ELEKTRISCHER ENERGIE, VERFAHREN ZUR ERZEUGUNG ELEKTRISCHER ENERGIE UND KOMPONENTENSYSTEM ZUR HERSTELLUNG EINES LINEARGENERATORS FÜR EINE WELLENENERGIEEINHEIT

Title (fr)  
UNITE HOULOMOTRICE ET UTILISATION D'UNE UNITE HOULOMOTRICE POUR LA PRODUCTION D'ENERGIE ELECTRIQUE, PROCEDE DE GENERATION D'ENERGIE ELECTRIQUE ET SYSTEME CONSTITUE DE COMPOSANTS PERMETTANT DE FABRIQUER UN GENERATEUR LINEAIRE DESTINE A UNE UNITE HOULOMOTRICE

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Abstract (en)  
[origin: WO03058055A1] The present invention relates to a wave-power unit having a floating body (3) which is connected by a connection means (4) to the rotor (7) of an electric linear generator (5). The stator (6) is anchored in the sea bed (1). In accordance with the invention the rotor (7) is permanently magnetic and the stator (6) comprises winding forming a plurality of poles distributed in the direction of movement of the rotor. The invention also relates to a wave-power plant composed of a number of wave-power units in accordance with the invention. The invention also relates to the use of the claimed wave-power unit, a method of generating electric energy, a system of components for the manufacture of a linear generator for a wave-power unit in accordance with the invention, and to a method of manufacturing such a linear generator.

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